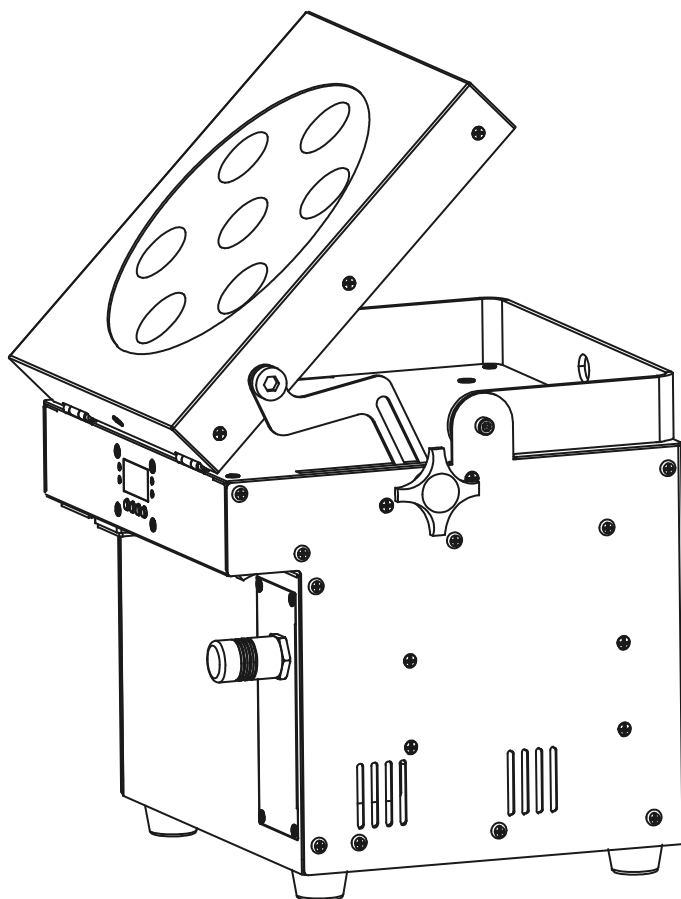


LDP ACCUSPOT 7TC

ARCHITECTURAL BATTERY RGB-PROJECTOR



ENGLISH

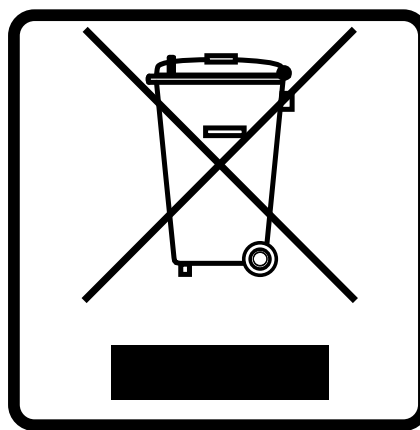
Operation Manual

Other languages (FR + NL + DU + ES)
can be downloaded from:
WWW.BRITEQ-LIGHTING.COM



Version: 1.0





EN - DISPOSAL OF THE DEVICE

Dispose of the unit and used batteries in an environment friendly manner according to your country regulations.

FR - DÉCLASSER L'APPAREIL

Débarrassez-vous de l'appareil et des piles usagées de manière écologique Conformément aux dispositions légales de votre pays.

NL - VERWIJDEREN VAN HET APPARAAT

Verwijder het toestel en de gebruikte batterijen op een milieuvriendelijke manier conform de in uw land geldende voorschriften.

DU - ENTSORGUNG DES GERÄTS

Entsorgen Sie das Gerät und die Batterien auf umweltfreundliche Art und Weise gemäß den Vorschriften Ihres Landes.

ES - DESHACERSE DEL APARATO

Reciclar el aparato y pilas usadas de forma ecologica conforme a las disposiciones legales de su país.

PT - COMO DESFAZER-SE DA UNIDADE

Tente reciclar a unidade e as pilhas usadas respeitando o ambiente e em conformidade com as normas vigentes no seu país.

OPERATION MANUAL

Thank you for buying this BRITEQ® product. To take full advantage of all possibilities and for your own safety, please read these operating instructions very carefully before you start using this unit.

FEATURES

This unit is radio-interference suppressed. This product meets the requirements of the current European and national guidelines. Conformity has been established and the relevant statements and documents have been deposited by the manufacturer.

- This device was designed to produce decorative effect lighting and is used in light show systems.
- Battery operated LED-projector, based on 7 RGB-LEDs to avoid unwanted color shadows.
- Beam angle = 25° (medium spot)
- Projection angle can be adjusted over 90° (vertical to horizontal)
- The perfect solution for many applications: exhibition booths, parties, special events, ...
- Minimum 10hrs at full output on a fully charged battery
- Each projector can be equipped with an optional "G4 W-DMX wireless DMX-module" or you can go for the cost effective solution: only use wireless DMX on the first unit and connect the other units via DMX-cable.
- The optional Wireless W-DMX module uses a new compact antenna: no more broken antennas anymore!
- Projector can still be used with empty battery: just connect it to the mains!
- Very smooth RGB color changes thanks to high freq. dimming electronics
- The internal battery charger charges the battery while the projector is working on mains power.
- Optional covers available:
 - The unit is delivered in black color but can be equipped with special optional white covers to adapt it to the environment it will be used in.
 - The optional covers protect the projectors against rain (IP43) so they can be used outdoor to light up trees, plants, walkways, ...
- Different working modes:
 - Standalone: custom colors selectable or automatic and beat synchronized color changes
 - Master/slave mode: up to 16 units can be used together for wonderful preprogrammed, music synchronized lightshows.
 - DMX-controlled, also wireless: 5modes, 4channels (R, G, B + Dimmer/strobe/sound chase/color macros)
 - Controlled by a small JBS LEDCON-02 controller
- IEC mains in/outputs: easy daisy chaining of several units (if needed).
- Optional flight case available

Note: For logistical reasons (different regulations for battery recycling in EU-countries) the battery is not included! The LDP-ACCUSPOT uses a standard rechargeable lead/acid battery that can be easily obtained from your local battery specialist or from major online suppliers all over Europe. In this manual you will find some links to online stores where you can buy this battery.

BEFORE USE

- Before you start using this unit, please check if there's no transportation damage. Should there be any, do not use the device and consult your dealer first.
- **Important:** This device left our factory in perfect condition and well packaged. It is absolutely necessary for the user to strictly follow the safety instructions and warnings in this user manual. Any damage caused by mishandling is not subject to warranty. The dealer will not accept responsibility for any resulting defects or problems caused by disregarding this user manual.
- Keep this booklet in a safe place for future consultation. If you sell the fixture, be sure to add this user manual.

Check the contents:

Check that the packing contains the following items:

- Operating instructions
- LDP-ACCUSPOT 7TC (without battery)
- IEC mains cable

SAFETY INSTRUCTIONS:



CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN



CAUTION: To reduce the risk of electric shock, do not remove the top cover. No user-serviceable parts inside. Refer servicing to qualified service personnel only.



The lightning flash with arrowhead symbol within the equilateral triangle is intended to alert the user or the presence of un-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within the equilateral triangle is intended to alert the user to the presence of important operation and maintenance (servicing) instructions in the literature accompanying this appliance.



This symbol means: indoor use only
IP43 outdoor while used with the optional covers



This symbol means: Read instructions



This symbol means: Safety Class I appliance



This symbol determines: the minimum distance from lighted objects. The minimum distance between light-output and the illuminated surface must be more than 1 meters



The device is not suitable for direct mounting on normally flammable surfaces. (suitable only for mounting on non-combustible surfaces)

RISK GROUP 2
CAUTION:
Do not stare at operating lamp

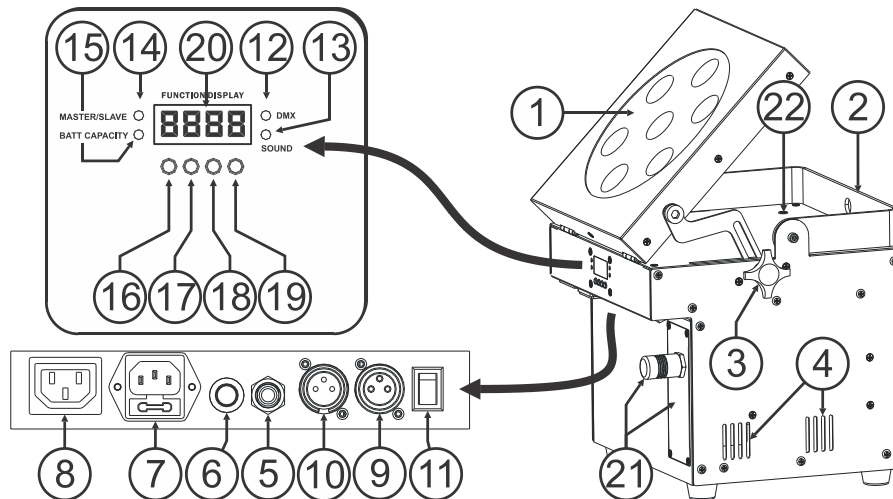
CAUTION: Do not stare at operating lamp.
May be harmful to the eyes.

- To protect the environment, please try to recycle the packing material as much as possible.
- To prevent fire or shock hazard, do not expose this appliance to rain or moisture.
- To avoid condensation to be formed inside, allow the unit to adapt to the surrounding temperatures when bringing it into a warm room after transport. Condense sometimes prevents the unit from working at full performance or may even cause damages.
- This unit is for indoor use only.
- Don't place metal objects or spill liquid inside the unit. Electric shock or malfunction may result. If a foreign object enters the unit, immediately disconnect the mains power.
- Locate the fixture in a well ventilated spot, away from any flammable materials and/or liquids. The fixture must be fixed at least 50cm from surrounding walls.
- Don't cover any ventilation openings as this may result in overheating.
- Prevent use in dusty environments and clean the unit regularly.
- Keep the unit away from children.
- Inexperienced persons should not operate this device.
- Maximum safe ambient temperature is 40°C. Don't use this unit at higher ambient temperatures.
- Make sure the area below the installation place is free from unwanted persons during rigging, de-rigging and servicing.
- Allow the device about 10 minutes to cool down before to start servicing.
- Always unplug the unit when it is not used for a longer time or before to start servicing.
- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- Check that the available voltage is not higher than the one stated on the unit.
- The power cord should always be in perfect condition. Switch the unit immediately off when the power cord is squashed or damaged. It must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- Never let the power-cord come into contact with other cables!
- This fixture must be earthed in order to comply with safety regulations.
- Don't connect the unit to any dimmer pack.
- Always use an appropriate and certified safety cable when installing the unit.
- In order to prevent electric shock, do not open the cover. There are no user serviceable parts inside.
- **Never** repair a fuse or bypass the fuse holder. **Always** replace a damaged fuse with a fuse of the same type and electrical specifications!
- In the event of serious operating problems, stop using the fixture and contact your dealer immediately.

- The housing and the lenses must be replaced if they are visibly damaged.
- Please use the original packing when the device is to be transported.
- Due to safety reasons it is prohibited to make unauthorized modifications to the unit.

Important: Never look directly into the light source! Don't use the effect in the presence of persons suffering from epilepsy.

DESCRIPTION:



1. Projector with hard plastic cover to protect the LEDs. The projector orientation can be seamlessly adapted from horizontal position (beam in vertical position) to vertical position (beam in horizontal position)
2. Handle to easily carry the projector. In certain cases it can also be used as a hanging bracket to fix the projector in truss, using a mounting hook.
3. Knob used to fasten the projector (1) in any desired angle.
4. Ventilation holes: these must be free at any moment during operation and while charging the batteries.
5. 1/4" Jack used to connect an optional JBS CA-8 controller.
6. Microphone, used to trigger the internal chases while used in standalone mode.
7. Mains input with IEC socket and integrated fuse holder, connect the supplied mains cable here.
8. Mains output with IEC socket: you can use a special IEC power cable to connect this output with the mains input of the next LDP-ACCUSPOT for easier linking. (max 40 units can be linked)
9. DMX-output connector
10. DMX-input connector
11. ON/OFF switch for the projector. The charging circuit is still operational while the unit is switched off.
12. DMX LED: is lit when the unit receives a DMX-signal
13. SOUND LED: blinks to the rhythm of the music while the unit is in audio mode
14. MASTER / SLAVE LED: is lit when the unit is in master or slave mode
15. BATTERY CAPACITY LED: indicates roughly the level of the battery:
 - LED lit: battery is 75% to 100% of its full capacity
 - LED blinking slowly: battery is 25% to 75% of its full capacity
 - LED blinking fast: battery is 5% to 25% of its full capacity. Once the capacity reaches 5%, the projector output shuts down, charging is needed!

You can select the exact level of the battery also in the setup menu, see option "batt" in the setup menu.
16. MENU button: used to select the different menu items
17. DOWN button: to go back in the menu and to lower the values shown on the display.
18. UP button: to go up in the menu and to increase the values shown on the display.
19. ENTER button: used to confirm your choice.
20. DISPLAY shows the various menus and the selected functions.
21. WIRELESS W-DMX-module: optionally available module with special antenna that can be used for wireless DMX-control of the projector. To reduce cost you can daisy chain the other projectors using a normal DMX-cable.
22. CHARGING INDICATOR: color is red while the battery is charged, color turns green when the battery is fully charged.

INSTALLING THE BATTERY

- The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.
- To keep the battery in good condition it should be recharged immediately after it was discharged! Never store a discharged battery for a longer period!
- The battery should always be used in horizontal position, ventilation must be provided during charging and use of the battery.



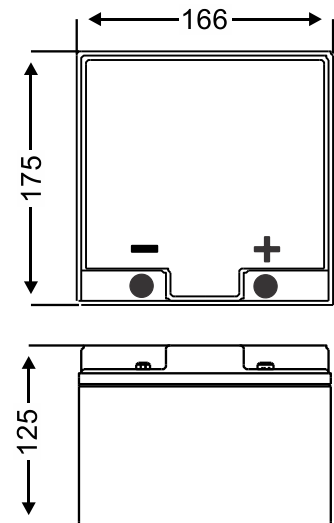
Selecting and buying the right battery:

For logistical reasons (different regulations for battery recycling in EU-countries) the battery is not included!

The LDP-ACCUSPOT uses a standard rechargeable lead/acid battery that can be easily obtained from your local battery specialist or from major online suppliers all over Europe.

Here we provide you some links to online resellers. Please note that Briteq®/Beglec has absolutely NO connection to any of these resellers so we cannot guarantee the quality of their products! We just give you some examples of batteries that could be used in the projectors.

- <http://www.batteries-direct.nl/> (located in the Netherlands)
- <http://www.all-batteries.fr> (located in France)
- <http://www.all-batteries.de> (located in Germany)
- <http://www.all-batteries.es> (located in Spain)
- <http://www.farnell.com> (/batteries-rechargeable) located all over Europe.
- Many other suppliers available, don't hesitate to do a web search!



Once you selected a website, look for the following specs:

- On the site do a product search for: 12V 24Ah (voltage and capacity of the battery)
- Check if the dimensions correspond to that of the drawing (depth and width can be swapped)
- Select a sealed, maintenance free lead battery with minimal self discharge.

Installing the battery in the projector:

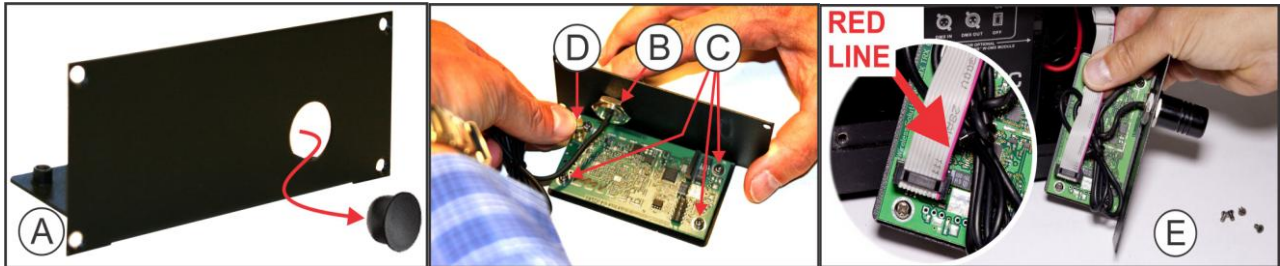
- Switch the projector off and remove the mains cable.
- Remove the 4 screws as indicated on picture "A".
- Move the back panel gently towards you to open the battery compartment: inside the compartment you will find a black and red wire.
- Put the battery in front of the compartment and connect the wires FIRMLY to the contacts of the battery. Make sure that the RED wire is connected to the "+" and the BLACK wires is connected to the "-" on the battery.
- Make sure to put the contact isolators in place to avoid short circuits while sliding the battery in the compartment.
- Attach the "Velcro" belt firmly around the battery (picture "B"), later it will help you to remove the battery.
- Slide the battery gently in the compartment, make sure that the wires are not squeezed. (picture "C")
- Close the compartment again using the 4 screws. (picture "A")
- Charge the battery for 1 night
- Done!



INSTALLING THE (OPTIONAL) W-DMX MODULE

⚠ Important: The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.

- Unpack the “LDP-WDMX-ACCUSPOT” module (W-DMX module): it consists of an antenna with nut and the actual W-DMX PCB.
- Switch the projector off and remove the mains cable.
- On the projector: remove the 4 screws of the blind plate where the W-DMX module will be installed.
- Remove the blind plate and follow the pictures below.



- A. The blind plate has a plastic cover cap: use a screw driver to push this cover cap and remove it.
- B. Install the antenna in the hole and fix it firmly but gently with the nut.
- C. Put the PCB in place and fix it to the metal plate using the 4 screws.
- D. Press the connector of the antenna cable on the PCB (you will notice a small click)
- E. Before you put the module back in the projector, you have to connect it: Inside the projector compartment you will see a grey flat cable with connector. Install the flat cable on the connector of the W-DMX module: **CAREFULLY** check picture E, it is VERY important that the RED LINE on the flat cable is exactly as on the picture!
- Put the W-DMX module back in place and fix it using the 4 screws.
- Done!

Check the next chapter to learn how to assign and use wireless DMX.

ELECTRICAL INSTALLATION

⚠ Important: The electrical installation should be carried out by qualified personal only, according to the regulations for electrical and mechanical safety in your country.

Note: In the explanations below we assume that you will operate the projectors with the internal battery which is already fully charged. If you want to use them with a mains cable, simply connect all projectors to the mains using the supplied power cable.

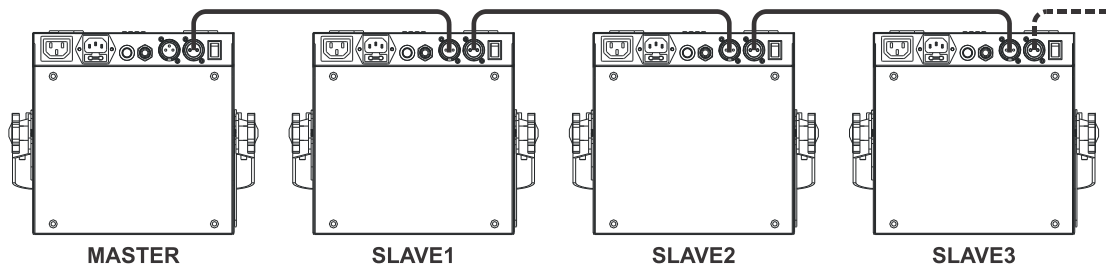
Electrical installation for 1 standalone unit:

- Switch the projector on using the power switch (11). The unit starts working immediately in the last selected stand-alone mode.
- Refer to chapter HOW TO SETUP to learn how to switch between different working modes.

Remark: You can connect a JBS CA-8 remote controller to the unit if you want to have more control.

Electrical installation for two or more units in master/slave:

- Connect 2 to maximum 16 units together using good quality balanced microphone/DMX cables. The unit that has no cable connected to its DMX-input is the “master”, the others are the slave units.
- Make sure that all units are switched on.
- Refer to chapter HOW TO SETUP for more information.
- Done!



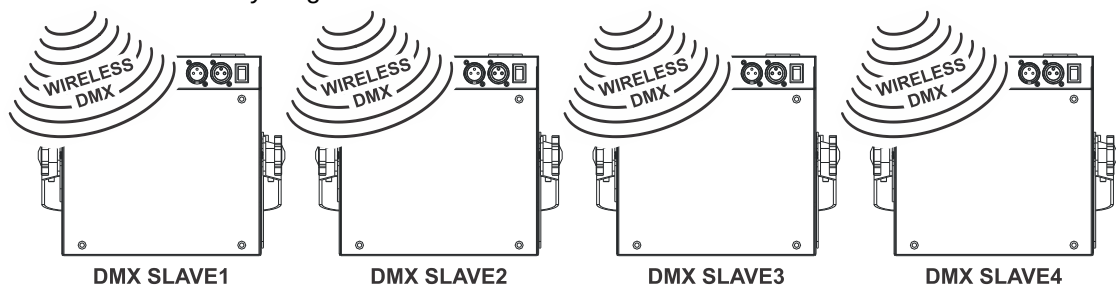
Remark: You can connect a JBS CA-8 remote controller to the master unit if you want to have more control over the master/slave operation. You can also connect the JBS LEDCON-02 remote controller

Electrical installation for two or more units in DMX-mode:

You can control the LDP-ACCUSPOT by DMX in different ways, depending on your needs. You can go for a wired solution (using cables), you can go for a completely wireless solution or you can go for a combination of both...

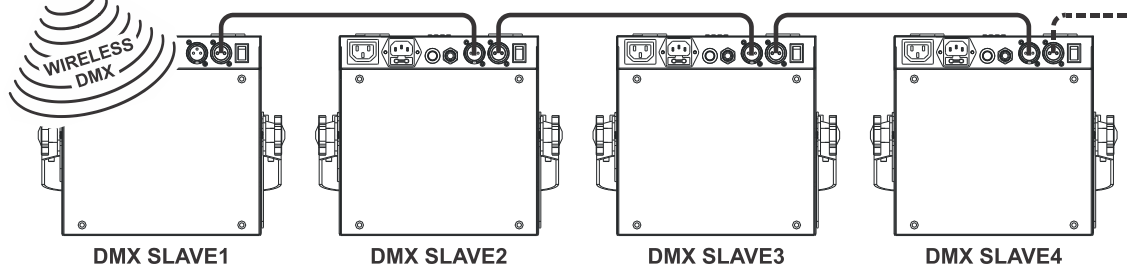
WIRELESS SOLUTION

- All projectors should be equipped with the optional “W-DMX module”.
- Switch all projectors on.
- Put all projectors in the desired DMX-channel mode (see chapter HOW TO SETUP: option **Channel**)
- Set the desired DMX start address on all projectors, take in account the number of DMX channels used by the selected DMX-channel mode! (see chapter HOW TO SETUP: option **Start**)
- Synchronize all projectors with the wireless W-DMX transmitter (our Briteq® “WT-DMXG4” transmitter is 100% compatible): (see chapter HOW TO SETUP: option **Start**)
- Once this is done everything should work.



MIXED SOLUTION

- The first projector in the chain should be equipped with the optional “W-DMX module”.
- Daisy chain all projectors using good quality balanced microphone/DMX cables.
- Switch all projectors on.
- Put all projectors in the desired DMX-channel mode (see chapter HOW TO SETUP: option **Channel**)
- Set the desired DMX start address on all projectors, take in account the number of DMX channels used by the selected DMX-channel mode! (see chapter HOW TO SETUP: option **Start**)
- Synchronize the first projector in the DMX-chain with the wireless W-DMX transmitter (our Briteq® “WT-DMXG4” transmitter is 100% compatible): (see chapter HOW TO SETUP: option **Start**)
- Once this is done, the first unit is controlled by wireless DMX and will pass the DMX-signal to the other projectors via the wired DMX-chain.



WIRED SOLUTION

- Same as the MIXED solution but the first unit in the chain also receives the DMX-signal from a DMX-cable plugged in its DMX-input connector.

Note: when a DMX-signal is detected on the DMX-input connector, this “wired” DMX-signal will take precedence over the wireless DMX-signal.

USING THE (OPTIONAL) COVERS

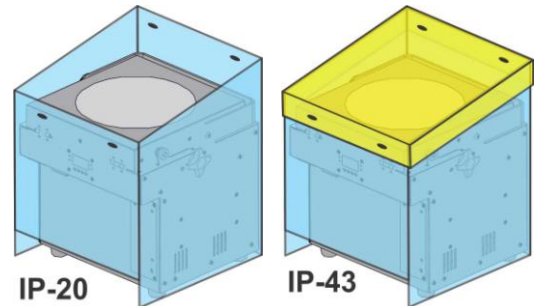
The LDP-ACCUSPOT 7TC comes in black color, not always the best choice while placed in front of a white wall. Therefore you can buy optional plastic covers to put around the projector.

You can put publicity on these covers or paint them to adapt the projectors for the event, additionally the covers also mask the LEDs so people only see the beam.

Once the cover is worn, you can simply throw it away and use a new one...

- **INDOOR USE (IP20):** you can use the plastic cover without the transparent top part.
- **OUTDOOR USE (IP43):** you can use the plastic cover with the transparent top part to avoid rain from entering the projector.

Attention: this does NOT mean that the projector now becomes full waterproof! It's only protected against occasional rain!



HOW TO SETUP:

MAIN MENU:

- To select any of the menu options, press the **MENU** button up to when the required option is shown on the display.
- Select the function with the **ENTER** button. The display will blink.
- Use DOWN and UP button to choose the desired menu option.
- Once the required menu option is selected, press the **ENTER** button to select.

Remark: Press the **MENU** button for about 2 seconds to return to running mode or just wait 8 seconds.

“CoLo” Color Preset Mode

Used to choose one of the 16 standard preset colors. You can also define your own custom color, based on individual settings for red, green and blue.

- Press the MENU button until “CoLo” is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP button to select one of the available options:
 - Select one of the preset colors “Co 1” to “Co 16” and press ENTER to confirm.
 - Select “Manu” to make your own color and press ENTER to confirm. Now you can set the 3 colors to make your own custom color:
 - “red”: press ENTER. Then use the DOWN and UP buttons to set the value between 000 and 255. Confirm with the ENTER button. Use the DOWN and UP buttons to select the next color.
 - “Gree”: press ENTER. Then use the DOWN and UP buttons to set the value between 000 and 255. Confirm with the ENTER button. Use the DOWN and UP buttons to select the next color.
 - “blue”: press ENTER. Then use the DOWN and UP buttons to set the value between 000 and 255. Confirm with the ENTER button. Use the DOWN and UP buttons to select the next color.
- Once the right settings are done; press the **MENU** button for about 2 seconds to return to running mode.

“dIMM” Manual master dimmer

Used to set the level of the master dimmer while in standalone mode.

- Press the MENU button until “dIMM” is shown on the display.
- Press the ENTER button, the display starts blinking.
- Use DOWN and UP button to select a value between “0” (no output) and “100” (full output).
- Once the level is set, press the ENTER button save it.

To go back to the main menu without any change press the MENU button shortly.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

“ShoW” Show Mode

Used to choose to select one of the preprogrammed multi channel shows when used in standalone or master/slave mode.

- Press the MENU button until **“ShoW”** is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP buttons to select one of the preprogrammed shows:
 - **“Sh 1”** → all shows played in random mode.
 - **“Sh 1”** to **“Sh12”** → 12 different built-in shows.
- Except for the random show (Show 0) you will also be asked to select a running speed for the static mode. With the UP/DOWN buttons you can select **“SP 1”** (slow) to **“SP 8”** (fast).
- Once the right show is selected, press the ENTER button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“ChaS” Color chase Mode

Used to choose to select one of the preprogrammed color fades when used in standalone or master/slave mode. All projectors will always show an identical output.

- Press the MENU button until **“ChaS”** is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP buttons to select one of the preprogrammed shows
- You will also be asked to select a running speed for the static mode. With the UP/DOWN buttons you can select **“SP 1”** (slow) to **“SP 8”** (fast).
- Once the right show is selected, press the ENTER button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“SOUn” Sound Mode

Used to choose the desired sound mode to trigger the shows.

- Press the MENU button until **“SOUn”** is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP button to select one of the available modes:
 - **“ on “** (sound mode ON) → the shows are triggered by the internal microphone.
 - **“ off”** (sound mode OFF) → the shows are triggered by the speed selected with the shows.
- Once the right mode is selected, press the ENTER button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“SenS” Sound Sensitivity

Used to set the sensitivity of the internal microphone

- Press the MENU button until **“SenS”** is shown on the display.
- Press the ENTER button, the display starts blinking.
- Use DOWN and UP button to select a value between “0” (very low sensitivity) and “100” (high sensitivity).
- Once the mode is selected, press the ENTER button save it.

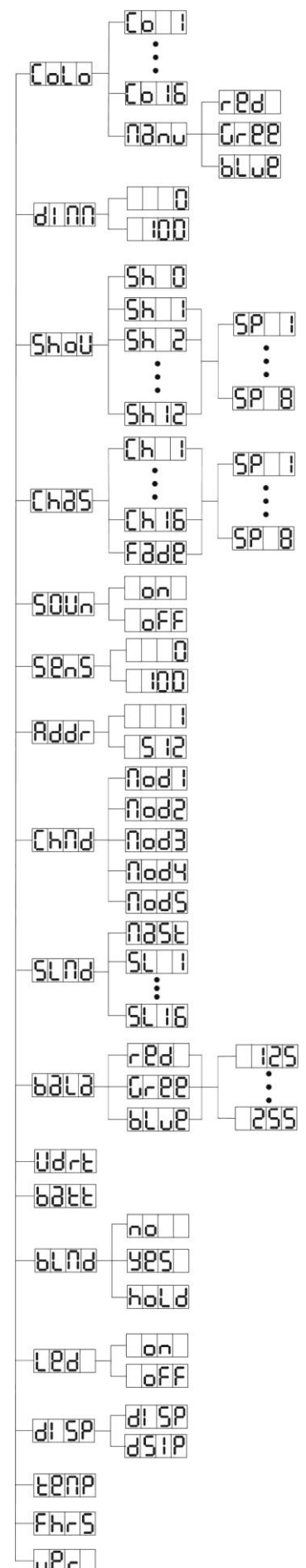
To go back to the main menu without any change press the MENU button shortly.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

“Addr” DMX512 Address Setting

Used to set the start address in a DMX setup.

- Press the MENU button until **“Addr”** is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP buttons to change the DMX512 address.
- Once the correct address is shown on the display, press the ENTER button to confirm.
- Press the MENU button for about 2 seconds to return to running mode.



“ChMd” Channel Mode

The unit has 5 different channel modes, refer to the DMX-chart to see the differences.

- Press the MENU button until “ChMd” is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP button to select one of the available channel modes.
- Once the mode is selected, press the ENTER button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“SLMd” Slave Mode

By choosing the right slave mode you can improve the impact of the multi-channel shows while the units are used in Master/slave mode.

The first projector in the chain should be set to “MaSt”, first slave should be in “SL 2” mode, the second in “SL 3” mode, etc. until “SL16”.

- Press the MENU button until “SLMd” is shown on the display.
- Press the ENTER button to select.
- Use DOWN and UP button to select one of the available slave modes.
- Once the right mode is selected, press the ENTER button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“baLa” Adjust White balance

Makes it possible to adjust the white color when all colors are at maximum.

- Press the MENU button until “baLa” is shown on the display.
- Press the **ENTER** button, the display starts blinking.
- Use the **DOWN** and **UP** button to select the “red “ or “Gree” or “blue” color.
- Press the **ENTER** button, the display starts blinking.
- Use the **DOWN** and **UP** button to adjust the value from **125** to **255** and press **ENTER** to confirm.
- Once the mode has been selected, press the **ENTER** button to confirm.

To go back to the main menu without any change press the **MENU** button shortly.

If you want to go back to normal running mode: press the **MENU** button for about 2 seconds.

“Udrt” Wireless DMX-synchronization

Used to synchronize the optional W-DMX module to the W-DMX transmitter.

- Press the MENU button until “Udrt” is shown on the display.
- Press the **ENTER** button, the “Udrt” display starts blinking.
- Press the **ENTER** button again: the “Udrt” display stops blinking while the DMX-led blinks fast.
- **IMPORTANT!** Make sure to push the SETUP-button on the W-DMX transmitter (Status LED on the transmitter starts blinking fast) before the DMX-led on LDP-ACCUSPOT stops blinking fast!
- Wait until both LEDs stop blinking fast: the synchronization is done

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

Note: to break the link (synchronization) between the W-DMX transmitter and the LDP-ACCUSPOT: simply repeat the same actions but **DO NOT** press the **SETUP**-button on the transmitter.

“batt” Battery status

Used to check the precise status of the battery.

- Press the MENU button until the display shows “batt”.
- Press ENTER button, the display will show the current status of the battery, shown in %: 5 to 100%
100% means that the battery is full, once the display shows 5% the output stops and charging is needed.
- To go back to the functions press the MENU button again.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

“bLMd” Blackout Mode

With this option you determine how the projector should react while no DMX-signal is detected.

ALWAYS set to “No Blackout” when the unit is used in standalone or master (master/slave) mode!!!

- Press the MENU button until “bLMd” is shown on the display.
- Press the ENTER button.
- Use DOWN and UP button to select one of the 3 options:
 - “no”: when no DMX-signal is detected, the unit automatically switches to master mode.
 - “YeS”: when no DMX-signal is detected, the unit shuts down the output (blackout)
 - “hold”: when no DMX-signal is detected, the unit keeps the last received data on the output.

- Once the mode is selected, press the **ENTER** button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“Led” Led Display

Display on: display is always on.

Display off: display is off when not used.

- Press the MENU button until the display shows “**Led**”.
- Press the ENTER button.
- Use DOWN and UP buttons to select “**on**” (display always on) or “**off**” (display off when not used).
- Once the mode is selected, press the **ENTER** button to confirm.
- Press the **MENU** button for about 2 seconds to return to running mode.

“dISP” Display Inversion

Display inversion: display is readable when the unit is mounted upside down.

- Press the MENU button until the display show “**dISP**”
- Press the ENTER button, to toggle between normal and inversed display.
- Press the **MENU** button for about 2 seconds to return to running mode.

“teMP” Fixture Temperature

- Press the MENU button until the display shows “**teMP**”.
- Press ENTER button, the display will show the temperature of the LEDs in the unit.
- To go back to the functions press the MENU button again.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

“FhrS” Fixture Hours

Used to show the number of working hours of the unit.

- Press the MENU button until “**FhrS**” is shown on the display.
- Press the ENTER button to show the number of working hours in the display.
- To go back to the functions press the MENU button again.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

“Ver” Software version:

Used to show the software version of the unit.

- Press the MENU button until “**Ver**” is shown on the display.
- Press the ENTER button to show the software version of the unit.
- To go back to the functions press the MENU button again.

If you want to go back to normal running mode: press the MENU button for about 2 seconds.

OPERATING INSTRUCTIONS

A. Standalone 1unit:

- Select one of the automatic modes or select a fixed color
- Select the static or sound control mode
- **Don’t forget to set the Blackout mode to ‘NO Blackout’ or nothing will happen.**
- Refer to chapter HOW TO SETUP to learn how to make the previous settings.

Remark: You can connect a JBS CA-8 remote controller to the unit if you want to have more control.

B. Two or more units in master/slave setup:

- Connect 2 to maximum 16 units together. Refer to the chapter “electrical installation” to learn how to do this.
- Set the slave mode for each projector: the first one must be set on Master and each slave projector can be set to its specific slave mode (see chapter HOW TO SETUP the slave mode)
- Connect all units to the mains and put on some music. The units will start working automatically to the rhythm of the music and show the internal chase programs.
- **Don’t forget to set the Blackout mode to ‘NO Blackout’ or nothing will happen.**

Remark: You can connect a JBS CA-8 or JBS LEDCON-02 remote controller to the master unit if you want to have more control over the master/slave operation.

C. Connect the optional JBS CA-8 controller for more control:

The JBS CA-8 controller can only be used in standalone or master/slave mode. Connect the controller to the JBS CA-8 input of the first unit (master). Now you can control all the connected units:

BUTTON	ACTIONS			
STANDBY	To blackout all the fixtures			
FUNCTION	1.Synchronous strobe in white color 2.The same color chase 3.Different color strobe	Select one of the different colors.	Select one of the 12 different multi-channel shows.	Select one of the different color fade modes.
MODE	Strobe (LED OFF)	Color select (LED ON)	Show select (LED slow blinking)	Chase select (LED fast blinking)

D. Connect an optional JBS LEDCON-02 controller for more control:

The JBS LEDCON-02 controller can only be used in standalone or master/slave mode. Connect the controller to the DMX-input of the first unit (master). Make sure that the LDP-ACCUSPOT projectors are all set to channel mode1 (Md 1). Now you can control all the connected units in 4 or 8channel mode. Refer to the user manual of the JBS LEDCON-02 controller for more information and automatic addressing.

E. Controlled by universal DMX-controller:

- Connect all units together. Refer to the chapter “Electrical installation for two or more units in DMX-mode” to learn how to do this (don’t forget to address all units properly!)
- Turn on the DMX controller.

Since each unit has its own DMX-address, you can control them individually. Remember that each unit uses 4 or 6 DMX-channels as shown in the DMX chart below:

Channel modes 1 + 2 + 3 + 4:

Channel4 can have 4 different behaviors, depending on the channel mode (1,2,3 or 4) you selected.

DMX512 Configuration						
Ch1	Ch2	Ch3	Ch4			
RED	GREEN	BLUE	DIMMER/STROBE (Mode1)	DIMMER (Mod2)	DIMMER/STROBE (Mode3)	DIMMER/STROBE (Mode4)

Channel mode 5:

CH 1	CH 2	CH 3	CH 4	CH 5	CH 6
RED	GREEN	BLUE	DIMMER	COL. MACRO	SHUTTER/STROBE
				248-255 Color16 232-247 Color15 216-231 Color14 200-215 Color13 184-199 Color12 168-183 Color11 152-167 Color10 136-151 Color9 120-135 Color8 104-119 Color7 088-103 Color6 072-087 Color5 056-071 Color4 040-055 Color3 024-039 Color2 008-023 Color1 000-007 OFF	248-255 Open 240-247 Random strobe 232-239 Open 191-231 Slow Close Fast Open 182-190 Open 140-181 Slow Open Fast Close 132-139 Open 016-131 ⚡⚡⚡ ⚡⚡ ⚡ 008-015 Open 000-007 Off

MAINTENANCE

- Switch off the unit and unplug the mains cable.

During inspection the following points should be checked:

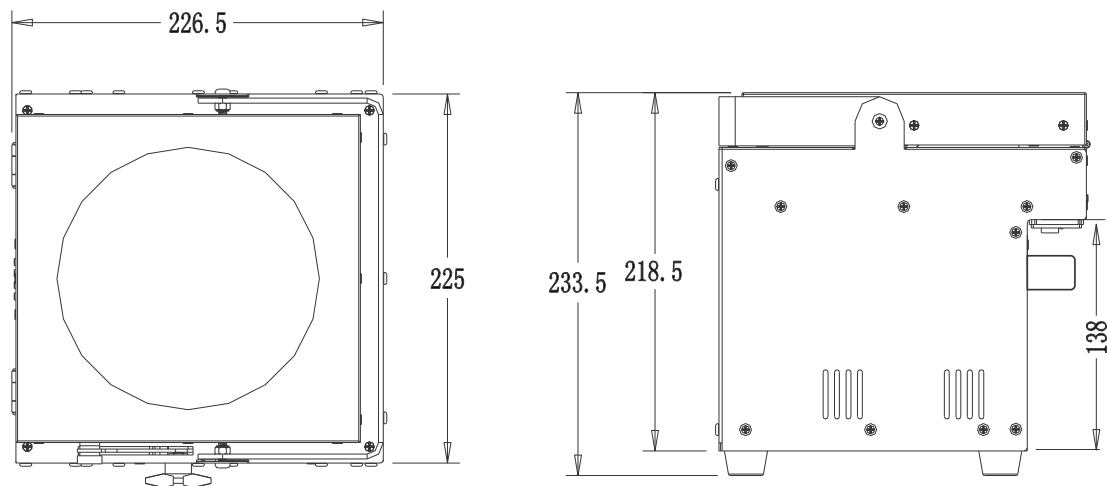
- When an optical lens is visibly damaged due to cracks or deep scratches, it must be replaced.
- The mains cables must be in impeccable condition and should be replaced immediately when even a small problem is detected.
- In order to protect the device from overheat the cooling fans (if any) and ventilation openings should be cleaned monthly.
- **BATTERY maintenance:** We strongly advice to follow the maintenance requirements imposed by the battery reseller. On top of that you should at least every 6 months:
 - Do a visual check of the battery: cleanness, terminal damage, any damage of the housing, ...
 - Check the if the poles of the battery are still well tightened to the wires.
 - ...

Attention: We strongly recommend internal cleaning to be carried out by qualified personnel!

RECYCLING OF USED BATTERIES: used lead/acid batteries should be considered and handled as dangerous waste. Each country has its own regulations for the recycling of used rechargeable batteries: check the local regulations in your country or ask your battery vendor for more information on recycling of the used rechargeable batteries!

SPECIFICATIONS

Mains Input:	100-240V, 50/60HZ
Power consumption:	32 Watt
Fuse:	250V T6,3A slow blow (20mm glass)
IEC input/output daisy chaining:	40pcs
Rechargeable battery:	12Vdc / 24Ah
Battery dimensions:	166 x 175mm, height = 125mm
Sound Control:	Internal microphone
DMX connections:	XLR 3pin
LEDs:	7 LEDs 3IN1 3W
Beam angle:	25°
Size:	see drawing below
Weight:	5.5 kg



Every information is subject to change without prior notice
You can download the latest version of this user manual on our website: www.beglec.com



WWW.BRITEQ-LIGHTING.COM

Copyright © 2012 by BEGLEC NV

't Hofveld 2C ~ B1702 Groot-Bijgaarden ~ Belgium

Reproduction or publication of the content in any manner, without express permission of the publisher, is prohibited.